

NEB-231-PUS.ST25.txt
SEQUENCE LISTING

<110> Zhang, Yinhua
McReynolds, Larry

<120> Specific Detection of Chitin Using Chitin-Binding Domain

<130> NEB-231-PUS

<150> 60/483,279

<151> 2003-06-27

<150> PCT/US2004/017979

<151> 2004-06-07

<160> 3

<170> PatentIn version 3.2

<210> 1

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<212> PRT

<213> Bacillus circulans

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Ala Trp Gln Val Asn Thr Ala Tyr Thr Ala Gly Gln Leu Val Thr Tyr
1 5 10 15

Asn Gly Lys Thr Tyr Lys Cys Leu Gln Pro His Thr Ser Leu Ala Gly
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Trp Glu Pro Ser Asn Val Pro Ala Leu Trp Gln Leu Gln
35 40 45

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<213> Vibrio parahaemolyticus

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Thr Asp Trp Ala Gly Asn Pro Ser His Ala Asn Gln Gly Asp Lys Val
1 5 10 15

Ile His Asn Gly Val Val Tyr Gln Ala Asn Trp Trp Thr Ala Ser Glu
20 25 30

Pro Gly Ser Asp Gly Ser Trp Ala Thr Val Cys Asn Ile
35 40 45

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<211> 63

<212> PRT

<213> Vibrio parahaemolyticus

<400> 3

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Met Lys Tyr Gly Tyr Phe Asp Asn Glu Asn Arg Glu Tyr Val Ile Thr
1 5 10 15

Arg Pro Asp Val Pro Ala Pro Trp Thr Asn Tyr Leu Gly Thr Glu Lys
20 25 30

Phe Cys Thr Val Ile Ser His Asn Ala Gly Gly Tyr Ser Phe Tyr Asn
35 40 45

Ser Pro Glu Tyr Asn Arg Val Thr Lys Phe Arg Pro Asn Ala Thr
50 55 60